

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. 5347-204

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
PATTERNING METHODS AND SYSTEMS USING REFLECTED INTERFERENCE PATTERNS.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

60/185,288	February 28, 2000
Application Number(s)	Filing Date (MM/DD/YYYY)
Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application (37 C.F.R. § 1.63(d)).

Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Customer Number 20792

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Raleigh, NC 27627

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(919) 854-1400

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Full name of (first/sole) inventor: **Daniel J. C. Herr**

Inventor's
Signature: *Daniel J. C. Herr* Date: FEBRUARY 8, 2001

Residence: Chapel Hill, North Carolina

Citizenship: United States of America

Post Office Address: 1704 Ferrell Road
Chapel Hill, North Carolina 27514

03984601

Post Office Address: 525 Herron Road
Knoxville, Tennessee 37996

Variable	Mean		SD		t		p		F		p	
	Control	Case	Control	Case	Control	Case	Control	Case	Control	Case	Control	Case
Age	10.5	10.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gender	50%	50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SES	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IQ	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Reading	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spelling	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Math	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Writing	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Science	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social Studies	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Art	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Music	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical Education	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Health	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Language Arts	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mathematics	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Science	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social Studies	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Art	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Music	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical Education	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Health	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Language Arts	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mathematics	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Science	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social Studies	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Art	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Music	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical Education	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Health	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Language Arts	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mathematics	100	100	15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Science	100	100	15	15	0.0							

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Full name of (first/sole) inventor: **Daniel J. C. Herr**

Inventor's
Signature: _____ Date: _____

Residence: Chapel Hill, North Carolina

Citizenship: United States of America

Post Office Address: 1704 Ferrell Road
Chapel Hill, North Carolina 27514

09781891-021201

Full name of second inventor: **David Charles Joy**

Inventor's

Signature:

David C Joy Date: Feb 8th 2001

Residence:

Knoxville, Tennessee

Citizenship:

United States of America

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